



## A brief overview of Chaperone

Chaperones are present when the macromolecules perform their normal biological functions and have correctly completed the processes of folding and/or assembly. The chaperones are concerned primarily with protein folding. The first protein to be called a chaperone assists the assembly of nucleosomes from folded histones and DNA and such assembly chaperones, especially in the nucleus, are concerned with the assembly of folded subunits into oligomeric structures.

### • Recombinant Proteins

Product name	Protein domain	Species	Expression system	Tagging	Purity	Endotoxin Test	Bioactivity	Cat No.
<b>hchA</b>	1-283aa	<i>E.coli</i>	<i>E.coli</i>	His	>95%	NA	NA	<b>ATGP1023</b>
<b>BEST</b> <b>Dnak</b>	1-384aa	<i>E.coli</i>	<i>E.coli</i>	Non	>95%	NA	NA	<b>DNK3002</b>
	1-638aa	<i>E.coli</i>	<i>E.coli</i>	Non	>85%	NA	NA	<b>DNK3001</b>
	385-546aa	<i>E.coli</i>	<i>E.coli</i>	Non	>95%	NA	NA	<b>DNK2001</b>
	385-638aa	<i>E.coli</i>	<i>E.coli</i>	Non	>95%	NA	NA	<b>DNK3003</b>
	508-638aa	<i>E.coli</i>	<i>E.coli</i>	Non	>95%	NA	NA	<b>DNK3004</b>
<b>CDC37</b>	1-378aa	H	<i>E.coli</i>	Non	>95%	P	NA	<b>CDC0901</b>
<b>Activator of HSP90 ATPase-1/AHA1</b>	19-337aa	H	<i>E.coli</i>	Non	>95%	P	NA	<b>AHA0701</b>
<b>p23/PTGES3</b>	1-160aa	H	<i>E.coli</i>	Non	>95%	NA	NA	<b>ATGP0418</b>
<b>BEST</b> <b>STI1</b>	1-543aa	H	<i>E.coli</i>	His	>90%	NA	NA	<b>ATGP0426</b>
	1-543aa	H	<i>E.coli</i>	Non	>95%	NA	NA	<b>ATGP3391</b>
	1-543aa	M	<i>E.coli</i>	His	>95%	NA	NA	<b>ATGP3526</b>
<b>BEST</b> <b>BAG1</b>	1-230aa	H	<i>E.coli</i>	Non	>85%	NA	NA	<b>ATGP0508</b>
<b>BAG2</b>	1-211aa	H	<i>E.coli</i>	His	>95%	NA	NA	<b>ATGP0952</b>
<b>BEST</b> <b>BAG3</b>	1-575aa	H	<i>E.coli</i>	His	>90%	NA	NA	<b>ATGP0440</b>
<b>HSPBP1</b>	1-362a	H	<i>E.coli</i>	His	>95%	NA	NA	<b>ATGP0554</b>
<b>TBCA</b>	1-108aa	H	<i>E.coli</i>	Non	>95%	NA	NA	<b>ATGP0333</b>
<b>TBCB</b>	1-244aa	H	<i>E.coli</i>	His	>90%	NA	NA	<b>ATGP1581</b>
<b>TBCC</b>	1-346aa	H	<i>E.coli</i>	His	>85%	NA	NA	<b>ATGP1673</b>
<b>TBCEL</b>	1-424aa	H	<i>E.coli</i>	His	>95%	NA	NA	<b>ATGP1937</b>
<b>PSMG2</b>	1-264aa	H	<i>E.coli</i>	His	>90%	NA	NA	<b>ATGP1211</b>
<b>PSMG3</b>	1-122aa	H	<i>E.coli</i>	His	>90%	NA	NA	<b>ATGP0736</b>
<b>PSMG4</b>	1-123aa	H	<i>E.coli</i>	His	>95%	NA	NA	<b>ATGP1307</b>
<b>MESDC2</b>	34-234aa	H	<i>E.coli</i>	His	>90%	NA	NA	<b>ATGP0933</b>
	30-224aa	M	<i>E.coli</i>	His	>90%	NA	NA	<b>ATGP3257</b>
<b>fimC</b>	37-241aa	<i>E.coli</i>	<i>E.coli</i>	His	>95%	NA	NA	<b>ATGP0931</b>
<b>HSCB</b>	30-235aa	H	<i>E.coli</i>	His	>90%	NA	NA	<b>ATGP1604</b>
<b>BEST</b> <b>CCS</b>	1-274aa	H	<i>E.coli</i>	His	>90%	NA	NA	<b>ATGP0715</b>
<b>BEST</b> <b>SurA</b>	21-428aa	<i>E.coli</i>	<i>E.coli</i>	His	>95%	NA	P	<b>ATGP0664</b>
<b>BEST</b> <b>Skp</b>	21-161aa	<i>E.coli</i>	<i>E.coli</i>	His	>95%	NA	NA	<b>ATGP0589</b>
<b>SecB</b>	1-155aa	<i>E.coli</i>	<i>E.coli</i>	Non	>95%	NA	NA	<b>ATGP0318</b>
<b>ASF1A</b>	1-204aa	H	<i>E.coli</i>	His	>90%	P	NA	<b>ATGP0296</b>

### • Monoclonal Antibodies

Product name	Clone No.	Applications	Isotype	Host	Cat No.
<b>TBCA</b>	AT1A5	ELISA, WB, FACS, ICC/IF	IgG <sub>2b, k</sub>	M	<b>ATGA0155</b>
<b>TBCB</b>	AT1F6	ELISA, WB, FACS, ICC/IF	IgG <sub>2b, k</sub>	M	<b>ATGA0302</b>
<b>TBCEL</b>	AT1B10	ELISA, WB, FACS, ICC/IF	IgG <sub>2b, k</sub>	M	<b>ATGA0351</b>
<b>AHA1</b>	AT3E9	ELISA, WB, ICC/IF	IgG <sub>2b, k</sub>	M	<b>ATGA0388</b>
<b>CDC37</b>	AT3G7	ELISA, WB, ICC/IF	IgG <sub>1, k</sub>	M	<b>ATGA0428</b>

H : Human M : Mouse P : Pass NA : Not Analyzed